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DATE: Friday, October 05, 2007

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<input type="checkbox"/>	L11	L8 and ((134/2 or 134/42).ccls.)	0
<input type="checkbox"/>	L10	L8 and hydroxyl	0
<input type="checkbox"/>	L9	L8 and hydroxyl\$	0
<input type="checkbox"/>	L8	L7 and water	5
<input type="checkbox"/>	L7	L6 and oxygen	5
<input type="checkbox"/>	L6	L5 and l3	7
<input type="checkbox"/>	L5	L4 and l1 and l2	16
<input type="checkbox"/>	L4	zero adj valent adj metal adj particles	26
<input type="checkbox"/>	L3	building or furniture or machin\$ or vehicles or road or cloth or glass or helmets	8086231
<input type="checkbox"/>	L2	contaminant\$ or (toxic pollutants) or pesticides or herbicides or (warfare agents)	360784
<input type="checkbox"/>	L1	treat\$ or decontaminat\$ or remov\$	6863118

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20060150770 A1

L8: Entry 1 of 5

File: PGPB

Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060150770

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060150770 A1

TITLE: Method of making composite particles with tailored surface characteristics

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freim; John Oliver III	Escondido	CA	US
Bickmore; Clint Ronald	Longmont	CO	US

US-CL-CURRENT: 75/343; 75/252

ABSTRACT:

The invention describes a procedure to make metal containing composite particles and composite particle suspensions. The procedure is versatile and can produce particles with a variety of particle sizes and compositions. For some applications the metal composite particles can provide the functionality of wholly metallic particles including configurations where the metal is located on the particle surface. Such metals have application in a wide variety of fields, including accomplishing electrochemical reduction and catalysis.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 2. Document ID: US 20020156337 A1

L8: Entry 2 of 5

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156337 A1

TITLE: Method for remediating contaminated soils

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jensen, Richard H.	Wilmington	DE	US
Batchelor, Bill	Bryan	TX	US
Hapka, Alison M.	Arnold	MD	US
Igwe, Godwin J.	Newark	DE	US
McDevitt, Michael F.	Bear	DE	US
Schultz, Dale S.	Newark	DE	US
Whang, Joyce M.	Wilmington	DE	US

US-CL-CURRENT: 588/316; 405/263

ABSTRACT:

A method is disclosed for the degradation of persistent contaminants in 5 soil. The method provides the combination of a stabilizing reagent and a degradative reagent where both are admixed into a contaminated soil site for the reduction of permeability at the site and the chemical degradation of the contaminant over time.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw De
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☐ 3. Document ID: US 6492572 B2

L8: Entry 3 of 5

File: USPT

Dec 10, 2002

US-PAT-NO: 6492572

DOCUMENT-IDENTIFIER: US 6492572 B2

TITLE: Method for remediating contaminated soils

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Batchelor, Bill	Bryan	TX		
Hapka, Alison Marie	Arnold	MD		
Igwe, Godwin Joseph	Newark	DE		
Jensen, Richard Howard	Wilmington	DE		
McDevitt, Michael F.	Bear	DE		
Schultz, Dale S.	Hockessin	DE		
Whang, Joyce May	Wilmington	DE		

US-CL-CURRENT: 588/316; 405/263, 588/252, 588/319, 588/406

ABSTRACT:

A method is disclosed for the degradation of persistent contaminants in soil. The method provides the combination of a stabilizing reagent and a degradative reagent where both are admixed into a contaminated soil site for the reduction of

permeability at the site and the chemical degradation of the contaminant over time.

36 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	RMK	Draw De
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☐ 4. Document ID: US 6387276 B1

L8: Entry 4 of 5

File: USPT

May 14, 2002

US-PAT-NO: 6387276

DOCUMENT-IDENTIFIER: US 6387276 B1

**** See image for Certificate of Correction ****

TITLE: Immobilization of inorganic arsenic species using iron

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nikolaidis; Nikolaos P.	Storrs	CT		
Dobbs; Gregory M.	Glastonbury	CT		
Lackovic; Jeffrey A.	Gales Ferry	CT		

US-CL-CURRENT: 210/719; 210/747, 210/757, 210/911, 423/601

ABSTRACT:

A method for the remediation of arsenic is presented, comprising providing an aqueous solution of inorganic arsenic species, and passing the solution of inorganic arsenic species over a substrate comprising zero valent iron under anaerobic conditions, thereby reducing the arsenic species and forming arsenic-metal co-precipitates. Preferably, the metal is iron in the form of iron filings, and a source of sulfate ions is also present, resulting in the precipitation of arseno-pyrites.

25 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	RMK	Draw De
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☐ 5. Document ID: US 5789649 A

L8: Entry 5 of 5

File: USPT

Aug 4, 1998

US-PAT-NO: 5789649

DOCUMENT-IDENTIFIER: US 5789649 A

**** See image for Certificate of Correction ****

TITLE: Method for Remediating contaminated soils

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Batchelor; Bill	Bryan	TX		
Hapka; Alison Marie	Chadds Ford	PA		
Igwe; Godwin Joseph	Newark	DE		
Jensen; Richard Howard	Wilmington	DE		
McDevitt; Michael F.	Chester	PA		
Schultz; Dale S.	Hockessin	DE		
Whang; Joyce May	Wilmington	DE		

US-CL-CURRENT: 405/128.5; 405/263, 588/252, 588/316, 588/320, 588/406

ABSTRACT:

A method is disclosed for the degradation of persistent contaminants in soil. The method provides the combination of a stabilizing reagent and a degradative reagent where both are admixed into a contaminated soil site for the reduction of permeability at the site and the chemical degradation of the contaminant over time.

9 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	IPC Class.	IPC Class.	Claims	ROME	Draw De
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Term	Documents
WATER	4422315
WATERS	94602
(7 AND WATER) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	5
(L7 AND WATER) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	5

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